

Issue 19/2006

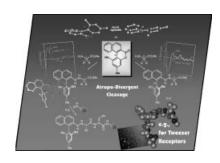
Pages 4297-4540

Papers available ahead of print in Early View at www.interscience.wiley.com

Earliest available Table of Contents:
Automatically, free of charge by e-mail through www.interscience.wiley.com/alerts

COVER PICTURE

The cover picture shows the efficient synthesis of axially chiral biaryl systems by highly atroposelective ring cleavage of configurationally unstable lactone-bridged biaryls with amino acid esters as chiral N nucleophiles. The absolute stereostructures of the products were determined by quantum chemical CD calculations and confirmed by X-ray diffraction analysis. The chiral biaryl product with the desired axial configuration will be used for generating novel solid-phase supported chiral tweezer receptors for the stereoselective binding of peptides in aqueous solvents. Details are discussed in the article by G. Bringmann et al. on p. 4349 ff.



MICROREVIEW Contents

4313 Z. Li, C. He*

Recent Advances in Silver-Catalyzed Nitrene, Carbene, and Silylene-Transfer Reactions

Keywords: Silver / Oxidation / Nitrene transfer / Carbene transfer / Silylene transfer / Homogeneous catalysis